



An Oshkosh Corporation Company

CONFIDENTIAL

Quotation For:

MMC
Rossville, Tn

Quotation Number:

093016LP12RS

Prepared By:

Chris Davenport

Date:

September 30, 2016

LO-PRO® 12RS Concrete Batch Plant

Options in blue throughout quotation and are not included in the "Total selling price" on the "TERMS" page

"National Ready Mix Concrete Association" (NRMCA) endorses the members of the "Concrete Plant Manufacturers Bureau" (CPMB) as the preferred provider of concrete plants and associated equipment as providing quality equipment conforming to the standards and specifications of NRMCA's plant certification program and the "Concrete Plant Manufacturers Standards"

Construction

- 5'-6" sub-columns furnished to provide 13'-4" from grade to bottom of steel on truck mixer discharge hood
- Fill pipes - right side
- Fill pipes - left side
- Water meter - left side
- Water meter - right side
- Aggregate bin charging conveyor
 - 90° - right side
 - 90° - left side
- Furnished with standard handrail height
- Structure is designed to hold International Building Code Steel design requirements for dead, live, and wind loads. Wind loads will be for basic wind speed, 90 M.P.H., exposure C. Any code requirements, including seismic load's exceeding the design requirements of the wind loads stated above will be subject
- Unless otherwise stated here, the foundation loads and steel design will be calculated according to the International Building Code with basic wind speed, 90 M.P.H., and no seismic loads will be considered in the foundation load or steel design calculations.
- Ladders, cages, stairs and handrails are designed to OSHA Industrial Standards and may not meet local or IBC Building Codes

- Location #3 furnished for the following
 - Cement batcher drive seal
 - Cement batcher head shaft bearing
 - Mixer charging conveyor head pulley bearings
 - Mixer charging conveyor snub pulley bearings
 - Cement II screw feeder head shaft bearing
 - Cement III screw feeder head shaft bearing

Aggregate storage bin with the following specifications:

- 160 yd³ x four (4) compartment- 216 tons
- Equal in line compartments
- Eight (8) fill gates each with:
 - 4-1/2" Ø air cylinder
 - Quick dump valve
 - Each pair gates operated with 1/2" single solenoid valve
- Gates furnished "hot dipped" galvanized and flanged for bolt on assembly
- Fill gate maintenance access platform furnished on three (3) sides of aggregate section with single access stairway with bar treads to grade. Platform widens to 5'-0" at the front of the aggregate bin and extend to column "F"
- Four (4) moisture probe mounting sleeve less probe
- 1/4" A.R. 400 lined sloping sides and gates
- Four (4) high rotary style bin signals
 - High bin signal actuator located with enough compartment capacity to empty receiving hopper and conveyor. Capacity calculated from the bottom of the pivot distributor chute with the standard "angle of repose" - receiving hopper capacity based on water level capacity
 - High bin signals wired to automatically start / stop each compartment charging conveyor
- Aggregate bin level L.E.D. light bar located on bin charging conveyor for four (4) high bin signals - field installation by customer

Aggregate batcher with the following specifications:

- 12 yd³ capacity → (12 cubic yd³ of concrete)
- Aggregate batcher capacities six (6) of eight (8) gates
- Direct shear beam load cell system
- Rear mounted air vibrator
- Telescoping scale weight hangers
- 36" x 15 H.P. batcher conveyor
- Variable speed batcher conveyor
- 1/4" A.R. 400 lined sloping sides
- Discharge stop / feed interlock

Mixer charging conveyor with the following specifications:

- 36" x 35° idlers x 15 H.P. mixer charging conveyor
- Start warning horn

- Straight leg all welded understructure 14'-1-1/2" from bottom of butterfly flange to bottom of silo base plates (400 bbl, 565 bbl and 735 bbl silo's only)
- Roof railing with ladder and cage to screw conveyor maintenance access platform
- Manhole with inside ladder
- 10"Ø discharge valve
 - Emergency slide gate
 - 3"Ø air cylinder
 - 1/2" single solenoid valve
- 9"Ø x 10 H.P. cement screw conveyor
 - Theoretical capacity - 54 ft³ per minute
 - 10"Ø housing
 - Housing furnished with three (3) high pressure air lines and fittings - furnished to connect from the ALL-PRO® to the discharge valve air cylinder and dust control system
 - Housing furnished with conduit, wire and fittings - furnished to connect from the ALL-PRO® to the screw conveyor motor and bin level indicators
 - Housing furnished with low pressure air line and fittings - furnished to connect from the ALL-PRO® to the aeration manifold
 - 9"Ø flighting - 2/3 pitch at inlet with balance full pitch
 - Direct drive with guarded v-belt reduction
- Screw conveyor maintenance access platform with ladder and cage to grade
- One (1) - 5"Ø fill pipe system complete with 4" coupling

Silo dust collection

- C&W CP-LPR-8-S with flow switch
- High bin signal
- Low bin signal
- Exterior mounted L.E.D. lights and horn

Blending cement batcher with the following specifications:

- 12 yd³ capacity → (concrete yd³)
- Direct shear beam load cell system
- 14"Ø x 15 H.P. batcher screw
- 14"Ø butterfly type discharge valve
 - 3-1/2"Ø air cylinder
 - 1/2" double solenoid "inching" valve
 - Discharge closed / feed interlock
- BV-14 batcher dust control system
 - 14 each filter bags - 4"Ø x 16" long
 - 20 ft² cleaning area
 - Atmosphere pressure cleaning system
- Two (2) Vibrators

High pressure air system with the following specifications:

- 25 H.P. x 120 gallon air compressor
- After cooler
- Desiccant air dryer

- Budd wheels
- Spring assembly
- Fifth wheel assembly
- Glad hands
- Mud flaps

Batching controls with the following specifications:

- "Command Alkon" RM 100 command batch computerized batch control
- Order entry system - includes one (1) flat screen and one (1) additional day of start up
- 4 aggregates
- 3 cements
- 2 water feeds for 1 meter
- 6 admixes
- Weighed water control
- Remote diagnostics
- Fast batch
- Three (3) days "ATEC factory start-up
- 75'-0" control and scale cables
\$20.00 / foot Additional control and scale cables
- One -Automatic moisture compensation - probe - 100'-0" cable
- Controls furnished by others - 75'-0" control and scale cables by CON-E-CO

Aggregate Material Handling System with the following specifications:

- 36" x 110' x 40 H.P. Radial Rail Conveyer

Capacity

- 750 tons per hour

Truss

- Warren lattice type
- Truss furnished with "hot dipped" **galvanized** finish

Head pulley

- Welded steel pulley
- Rubber lagging
- Nip guards

Tail pulley

- Welded winged pulley
- Nip guards

Belt take up

- Screw type take up
- Nip guards

Radial Drive

- 2 HP totally enclosed fan cooled motor
- Enclosed Gear Reducer

- Receiving hopper
 - 11'-6" x 11'-6"
- Water level capacity - 297 ft³ (11yd³)
- Heaped capacity - 500 ft³ (18.5yd³)
- Support structure to grade
- Manual slide gate
- 1/4" A.R. 400 lined sloping sides
- Electric vibrator
- Ultra sonic material on belt sensor furnished to automatically start - stop vibrator

Catwalk and pull cord switch

- Catwalk - one (1) side
- 24" wide "Grip Strut"
- "Hot dipped" galvanized finish
- Pull cord switch furnished full length on catwalk side and from grade to 7'-0" off grade on opposite side
- Conveyor start warning horn

Drip pan

- 55 ft of Drip pan

Mixer dust control system with the following specifications:

Model PJ-980D mixer dust control system

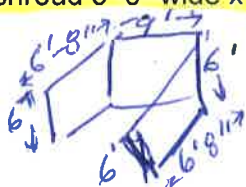
- 66 each filter bags - 6"Ø x 10'-0" long
- 980 ft² cleaning area
- High pressure air - pulse jet cleaning system
- PBI 15 direct suction blower
- 15 H.P. TEFC motor
- 5,880 C.F.M. capacity at 8" water
- Vertical blower discharge for noise reduction
- All welded steel enclosure
- Collection hopper
 - 10"Ø butterfly valve
 - 3"Ø air cylinder
 - Vibrator
 - 1/2" single solenoid valve - common to cylinder and vibrator
- "LO-PRO" style hopper structure
- Roof railing with ladder and cage to top of cement I
- 460 volt - 3Ø - 60HZ
- Motor controls mounted in service panel
- Magnehelic gage mounted on collector

High pressure air dryer

- Air flow capacity - 15 SCFM
- 120 volt

Transit mixer shroud

- Back in shroud 9'-0" wide x 6'-8" deep with 6'-0" long curtain



Metal shroud on top of curtains

tube or boot
fits into

loading boot

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Terms of sale: Twenty percent (20%) down payment to accompany order, balance due upon scheduled completion date or delivery, whichever comes first.

All orders are subject to acceptance by CON-E-CO at the factory and are subject to credit approval.

CON-E-CO keeps material safety data sheets (MSDS) on file. It is the responsibility of the customer to request them if they are needed. CON-E-CO will provide MSDS information requested free of charge.

Quotation subject to "Conditions Of Sale Of Concrete Plant Equipment" which are attached.

CON-E-CO®

An Oshkosh Corporation Company

TERMS & CONDITIONS OF SALE FOR CONCRETE PLANT EQUIPMENT

1 PRICES SUBJECT TO CHANGE WITHOUT NOTICE: Quotation prices are firm for thirty (30) days from date of quotation

2 INSTALLATION

All products specified in the quotation shall be assembled and installed by Purchaser at Purchaser's expense. The cost of a technician is included in this quote unless otherwise specified in the sales order. CON-E-CO assumes no responsibility for erection expense. The correction of minor misfits and a reasonable amount of cutting, reaming, or re-drilling will be considered as a normal expense of erection. Any error in shop fabrication which prevents the proper assembling and alignment of parts by use of reamers, drift pins, or cutting shall be immediately reported to the seller to obtain approval of the method of correction.

3 WEIGHTS

Shipping weights or dimensions wherever shown in price lists, catalogs and as shown in proposals or quotations are approximate and are not guaranteed

4 PRODUCT DESIGN

CON-E-CO structural supports are designed for normal wind and soil conditions. It may be necessary in some locations to provide additional bracing in order to comply with the design criteria of local codes for hurricane force winds or seismic loading design. Regulations that apply where Purchaser intends to use the plant may be more stringent. It is the Purchaser's responsibility to determine whether any more stringent laws, regulations or codes apply. CON-E-CO shall not be responsible to comply with such more stringent requirements unless they are specifically referred to in CON-E-CO's written quotation. It is the responsibility of the Purchaser to meet any state, municipal, local, etc., requirements for additional engineering certification, licensing, etc. Consult factory if you have any questions. As an active member of the "Concrete Plant Manufacturers Bureau: (C.P.M.B.) CON-E-CO batch plants meet or exceed the Bureau's design criteria. Each plant component carries the Bureau Rating Plate.

5 DESIGN CHANGES

CON-E-CO reserves the right to make changes and improvements to its products at any time without any obligation to make such changes to products manufactures previously. CON-E-CO accepts no responsibility for variations in actual products from the specifications, pictures, and descriptions contained in the publications.

6 ELECTRICAL

Unless otherwise provided by our quotation or agreed by us in writing, price and delivery terms shall be: a) Packages, Mixers and Packers--ex factory shipping point; and b) Parts--F.O.B. shipping point. All applicable taxes shall be for the account of Buyer. Unless otherwise agreed in writing, we will select the route and manner of shipment, reserve the right to make delivery in installments when necessary, to invoice each installment separately and to expect payment for each installment within our selling terms. All risk of loss shall pass to the Buyer at the point and time of delivery set forth in this paragraph. Prices for goods shall be those in effect on the date of invoice unless otherwise provided by our quotation or agreed to in writing by CON-E-CO. If CON-E-CO shall fail to make delivery, or Buyer to accept delivery, according to the agreed upon delivery schedule, the other party may cancel the then remaining balance of the order unless the delay is an excusable delay. Prices are good for only quantities indicated. If shipment or any other act or condition affecting payment of the goods or any part of them shall be delayed on account of Buyer, payment shall be due as if shipment had been made. A reasonable storage charge may be made and such storage shall be at the risk of Buyer

15 PAYMENT/CREDIT/SECURITY

All payments shall be made in U.S. dollars. Payment shall be due upon delivery or as otherwise provided by our quotation, order acceptance, invoice or other writing. We reserve and by its order Buyer grants a security interest in all goods wherever located until payment has been received, and Buyer will promptly execute and deliver documents provided by Seller to perfect such security interest. All orders received are subject to credit approval. Buyer agrees to submit to CON-E-CO those items reasonably requested in order to establish Buyer's credit. CON-E-CO shall be entitled to charge interest for payments made not in accordance with the stated or agreed upon terms of payment at the stated rate or the highest rate permitted by law, whichever is lower. Whenever CON-E-CO in good faith deems itself insecure, it may: cancel any outstanding orders with Buyer and/or hold production/shipment of any unfilled orders; modify or revoke its extension of credit to Buyer; reduce any unpaid debt by enforcing its security interest (and proceeds therefrom); and take any other steps permitted by law and necessary or desirable to secure CON-E-CO with respect to Buyer's payment of goods and services furnished. Buyer will pay CON-E-CO actual costs of collection incurred, including reasonable attorney's fees if CON-E-CO is required to commence any suit or proceeding for collection of any delinquency. Certificates of Origin for a Concrete batch plant shall be released to Buyer only upon receipt of payment in full by CON-E-CO unless otherwise agreed upon in writing. Buyer shall permit CON-E-CO at any reasonable time to make audits of its collateral, including records of shipment, sale and payment. CON-E-CO may demand immediate payment for trucks, chassis or parts shipped from Buyer's location for which payment has not been received in accordance with agreed payment terms. Buyer shall have no right of offset against amounts owed to CON-E-CO

16 ACCEPTANCE

Goods furnished or services performed by CON-E-CO in all events will be deemed to have been accepted within thirty (30) days after receipt by Buyer, unless rightfully rejected within such period by written notice to CON-E-CO by Certified Mail, Return Receipt requested, setting forth all of the defects upon which the rejection is claimed. Claims for factory damage or shortages shall not be considered unless made in writing within the (10) day after receipt of the goods and accompanied by reference to our bill of lading and invoice numbers. Claims for damage or shortage in transit must be filed by Buyer against carrier unless shipping cost are prepaid. Defective goods shall be held for CON-E-CO's inspection or disposition.

17 LIMITED WARRANTY: DISCLAIMER

CON-E-CO warrants that all new and unused goods furnished by CON-E-CO are free from defect in workmanship and material as of the time and place of delivery by CON-E-CO in accordance with its Standard Limited Warranty in effect at the date of contact formation. Our obligation under this Limited Warranty is subject to the following qualifications: a) CON-E-CO or its authorized Dealer shall have been notified of such claimed defect within thirty (30) days of its discovery or such later date as is specified in the Standard Limited Warranty; b) the concrete batch plant shall have been subject only to proper use normal for similar concrete batch plants; and c) it shall have been regularly maintained and serviced in accordance with the Manufacturer's Service Manual. No defective part may be returned to the factory without our prior written consent, or that of our authorized representative. Any return must be with transportation prepaid, which may be refunded at the discretion of CON-E-CO. The Standard Limited Warranty for the goods is incorporated herein by reference. It is the exclusive warranty given by CON-E-CO. CON-E-CO HEREBY DISCLAIMS AND EXCLUDES ALL OTHER WARRANTIES, WHETHER EXPRESS, IMPLIED OR STATUTORY, INCLUDING ANY WARRANTY OF MERCHANTABILITY, ANY WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE, AND ANY IMPLIED WARRANTIES ARISING FROM COURSE OF DEALING OR USAGE OF TRADE, notwithstanding any knowledge of CON-E-CO regarding the use or uses intended to be made of goods, proposed changes or additions to goods, or any assistance or suggestions that may have been made by CON-E-CO personnel.

18 BUYER'S REMEDIES

Accepted by _____

Date _____

PLEASE SIGN AND RETURN UPON ACCEPTANCE

- Send additional electrical prints to:
- Send site preps to:

Quotation valid for thirty (30) days

CON-E-CO®

An Oshkosh Corporation Company

CONCRETE MIXER (BATCH) PLANT PRODUCTS LIMITED WARRANTY

1 LIMITED WARRANTY

Subject to the limitations and exclusions set forth below, and provided our concrete mixer (batch plant) product shall have been placed in service within six (6) months after the date of shipment from the factory, as established by our original invoice, Concrete Equipment Company, Inc. ("CON-E-CO") warrants to the first user of the product (the "First User") that the portions of its concrete mixer (batch) plant product that are manufactured by CON-E-CO shall be free from defects in material and workmanship for a warranty period ending 180 calendar days after the date of shipment of such product to the First User. This limited warranty shall apply only if the concrete mixer (batch) plant product is properly maintained and serviced in accordance with the Manufacturer's Service Manual and used in service which is normal for the particular product model. Normal service for a concrete mixer (batch) plant means service which does not subject the product to stresses or impacts greater than normally result from the careful use of such product. If the First User discovers defect or nonconformity, it must notify CON-E-CO in writing within ten (10) calendar days after the date of discovery, but in any event prior to the expiration of the warranty period. THIS LIMITED WARRANTY MAY NOT BE ASSIGNED OR OTHERWISE TRANSFERRED BY THE FIRST USER TO ANY SUBSEQUENT USER OR PURCHASER OR TO ANY OTHER PERSON OR ENTITY. Notwithstanding anything to the contrary herein, CON-E-CO makes no warranty whatsoever as to: (1) any parts, components, attachments or trade accessories of or to the concrete mixer (batch) plant product that are not manufactured by CON-E-CO; with respect to all such parts, components, attachments and accessories, CON-E-CO shall assign to First User the applicable warranties, if any, made by the respective manufacturers thereof; (2) any product, component, part, attachment or accessory damage by misuse, neglect, improper maintenance, accident, or use with parts or accessories not recommended by CON-E-CO; (3) any product, component, part, attachment or accessory that has been repaired, altered, installed or assembled by any person or entity other than CON-E-CO which, in the sole judgment of CON-E-CO, adversely affects the performance, stability or purpose for which it was manufactured; (4) frames or cross-members that have been subject to welding or heat treatment after delivery to the First User; or (5) products or parts that may in the ordinary course wear out and have to be replaced during the warranty period, including, but not limited to, fluids, gaskets and light bulbs. CON-E-CO assumes no responsibility for the assembly of its parts or sub-assemblies into finished products unless the assembly is performed by CON-E-CO.

2 DISCLAIMERS OF WARRANTIES

Subject to the limitations and exclusions set forth below, Concrete Equipment Company, Inc. ("CON-E-CO") warrants to the first user of the product (the "First User") that each replacement part sold by CON-E-CO shall be free from defects in material and workmanship for a warranty period 180 calendar days after the date the replacement part is installed. This limited warranty shall apply only if the part and the product in which it is installed are properly maintained and serviced in accordance with the Manufacturer's Service Manual and used in service which is normal for the particular product. If the First User discovers a defect or nonconformity, it must notify CON-E-CO in writing within ten (10) calendar days after the date of discovery, but in any event prior to the expiration of the warranty period. **THIS LIMITED WARRANTY MAY NOT BE ASSIGNED OR OTHERWISE TRANSFERRED BY THE FIRST USER TO ANY SUBSEQUENT USER OR PURCHASER OR TO ANY OTHER PERSON OR ENTITY.** Notwithstanding anything to the contrary herein, CON-E-CO makes no warranty whatsoever as to: (1) any components that are not manufactured by CON-E-CO: with respect to such components, CON-E-CO shall assign to First User the applicable warranties, if any, made by the respective manufacturers thereof; (2) any part that is damaged by misuse, alteration, neglect, improper installation, maintenance or repair, accident or use with parts or accessories not recommended by CON-E-CO; or (3) parts that may in the ordinary course wear out and have to be replaced during the warranty period, including, but not limited to, fluids, gaskets and light bulbs.

2 DISCLAIMERS OF WARRANTIES

THE WARRANTY SET FORTH IN PARAGRAPH 1 IS THE SOLE AND EXCLUSIVE WARRANTY GIVEN BY CON-E-CO. CON-E-CO HEREBY DISCLAIMS AND EXCLUDES ALL OTHER WARRANTIES, WHETHER EXPRESS, IMPLIED OR STATUTORY, INCLUDING WITHOUT LIMITATION ANY WARRANTY OF MERCHANTABILITY, ANY WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE, AND ANY WARRANTIES ARISING FROM COURSE OF DEALING OR USAGE OF TRADE. No warranty is made to any distributor, dealer or other intermediate purchaser that, directly or indirectly, sells the product to the First User.

3 EXCLUSIVE REMEDY

If the part fails to conform to the warranty set forth in paragraph 1 during the warranty period, and such nonconformity is not due to misuse, neglect, accident or improper maintenance, First User must notify CON-E-CO within the time period specified in paragraph 1, and shall make the part available for inspection by CON-E-CO or its authorized representative. At the request of CON-E-CO, any allegedly defective part shall be returned to CON-E-CO by First User for examination and/or repair; First User shall be responsible for the cost of such transportation, and for risk of loss or damage during transportation. No part may be returned without CON-E-CO's prior written authorization. Within a reasonable time CON-E-CO shall provide, at its option, one of the following: (a) repair or replacement of any nonconforming or defective part; or (b) full credit for the purchase price of such nonconforming or defective part. **THIS REMEDY SHALL BE THE EXCLUSIVE AND SOLE REMEDY FOR ANY BREACH OF WARRANTY.**

4 EXCLUSION OF CONSEQUENTIAL, INCIDENTAL AND CERTAIN OTHER DAMAGES

Notwithstanding anything to the contrary herein or in any agreement between CON-E-CO and First User, **IN NO EVENT SHALL CON-E-CO BE LIABLE FOR ANY CONSEQUENTIAL, INCIDENTAL, SPECIAL, INDIRECT, CONTINGENT OR PUNITIVE DAMAGES OF ANY KIND WHATSOEVER, WHETHER ARISING OUT OF BREACH OF CONTRACT, WARRANTY, TORT (INCLUDING NEGLIGENCE AND STRICT LIABILITY), OR UNDER ANY OTHER THEORY OF LAW OR EQUITY, WITH RESPECT TO ANY PARTS SOLD BY CON-E-CO, OR THE USE OR MISUSE OF OR INABILITY TO USE ANY OF SAID PARTS, OR ANY DEFECTS THEREIN, OR ANY UNDERTAKINGS, ACTS OR OMISSIONS RELATED THERETO, OR ANY NONDELIVERY OR DELAYED DELIVERY THEREOF, OR OTHERWISE, REGARDLESS OF WHETHER CON-E-CO HAS BEEN INFORMED OF THE POSSIBILITY OF ANY SUCH DAMAGES.** Without limiting the generality of the foregoing, CON-E-CO specifically disclaims any liability for the property damages, penalties, damages for lost profits or revenues, loss of use of products or any associated equipment, cost of substitute products or equipment, down-time, lost good will, delay damages or any other types of economic loss, or for any claims by any third party for any such damages, costs or losses.

5 IMPROVEMENTS

It is CON-E-CO's policy to constantly strive to improve its product. CON-E-CO reserves the right to make changes in design and improvements whenever it is believed the efficiency of the product or part will be improved thereby, but without incurring any obligation to incorporate such improvements in any product or part that has been shipped or is in